

# Natural Rearing

## Newsletter ©

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**FOR THOSE THAT CHOOSE TO THINK FOR THEMSELVES**

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### **NEW HERBAL EXTRACT CANCER FIGHTER 100 TIMES STRONGER THAN SHARK CARTILAGE**

To fully appreciate the importance of this promising discovery, please allow me to provide a little background

Once a nest of cancer cells reaches a certain size (1 - 2 mm in diameter), it must develop a blood supply in order to grow larger. Diffusion is no longer adequate to supply the cells with oxygen and nutrients and to take away wastes. Cancer cells (probably like all tissues) secrete substances that promote the formation of new blood vessels - a process called angiogenesis.

Forty years ago (1961) Dr. Judah Folkman observed something in a medical research laboratory that gave him a hunch on how to stop the growth and metastasis of solid tumor cancers. Later, in 1965 Dr. Folkman discovered that tumors stop growing when their blood supply is eliminated (in vitro). In 1971, Folkman presented his theories to the Boston medical community in an informal seminar. He stated:

1. Angiogenesis exists
2. There must also exist a "Tumor Activating Factor" or TAF
3. If his first two theories were true, then there must be a way to inhibit angiogenesis.

In 1974, Monsanto (one of the largest American chemical corporations) provided a grant of 23 million dollars to Harvard University for the funding of Dr. Folkman's research to develop anti-angiogenic drugs. The new strategy was to starve the cancer cells rather than trying to poison them.

During his research, Dr. Folkman observed that there were apparently only two places in the body where blood vessels were not normally found. One was the cornea, which has no blood vessels, and the other is cartilage. He reasoned that perhaps cartilage contained some sort of angiogenesis-inhibiting molecule or agent that actively kept blood vessels out.

About this time, Robert Langer, a chemical engineer from MIT, began working with Folkman. They were finally able to isolate a protein mixture from shark cartilage that exhibited anti-angiogenic properties. In 1976 they published their findings in *Science*.

The exposure in *Science* drew the attention of I. William Lane, a biochemist, nutritionist, and Vice President of W.R. Grace & Co. (a large international chemical company). Lane began buying huge quantities of shark cartilage and started selling it through health food stores. Many of you will be familiar with the book "Sharks Don't Get Cancer" and the subsequent high public exposure to the anti-angiogenic properties of Shark cartilage.

However, despite the solid data demonstrating shark-cartilage's anti-angiogenic properties, it was soon considered relatively ineffective for cancer treatment because it required such large doses and yielded inconsistent results.

Since 1998 most of the research is being carried on by major drug companies to find an effective compound to prevent angiogenesis. At least 20 drugs that block the growth of blood vessels are in various stages of testing on people with cancer. More are nearly ready for testing. If all kinds of cancer need new blood vessels, then one substance that interrupts this process might be good against all of them. With this in mind, drugs such as Sugen's experimental blood vessel blocker, SU5416, are being tested against cancers all over the body, including the colon, lung, kidney, ovaries, breast and skin. Forty-four separate studies are under way with this one drug alone.

### **In This Issue**

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Now for the good news. The search for an effective natural substance was not completely abandoned.

Allergy Research Group recently announced that an extract of a commonly found weed called Bindweed (*Convolvulus arvensis*) exhibits a powerful angiogenesis inhibiting property that has **tested 100 times more effective than shark cartilage**.

Bindweed grows all over the world and can damage grain crops such as corn and wheat by wrapping itself around plants. Now before you go rushing out to the nearest grain farmer in your area and start ripping up the weed, you need to know that bindweed *before the extraction process* does contain toxic alkaloids.

Numerous animal studies have been performed to determine the toxicity of bindweed **extract**. At the equivalent of 1,400 grams of extract for humans, no toxicity was found

The extract is a proteoglycan mixture, or PGM and in addition to its angiogenesis inhibiting properties also acts as a moderate immune stimulator. Studies done on PGM's effect on human lymphocyte growth *in vitro* have demonstrated an increase in lymphocyte production from 35 to 46 percent.

In addition to the exciting findings on PGM, another compound, MPG, appears to enhance PGM's efficacy.

MPG or Muramyl Polysaccharide-Glycan Complex, is a non-toxic purified extract of the bacterial cell walls of gram-positive bacteria. It has been shown to activate macrophage activity and to increase lymphocyte production. MPG has been shown to enhance the therapeutic effects of PGM, not only as a result of non-specific immune stimulating properties, but also because it induces Interleukin 12 production, which has powerful anti-angiogenic properties.

PGM (the extract) is now available under the product name "VascuStatin" as a food supplement. Suggested retail price is \$130.00 for 60 capsules containing 250 mg each of the extract. This sounds pricey at first until you realize that the equivalent dosage of shark cartilage would cost a vastly higher amount.

MPG (used to enhance the efficacy of the PMG extract) is available under the product name "Imm-Kine" as a food supplement at a suggested retail price of \$66.00 for 60 capsules.

Dosages are dependent on the specifics of the case and the weight involved.

Although these products are relatively new, we have been receiving some preliminary reports of very favorable results. It would appear that the extract from this lowly weed holds promise of being one of the most exciting developments in recent times in the battle against cancer.

We look forward to additional clinical experience to verify the efficacy of these products.

## HOMEOPATHY IN THE 21<sup>ST</sup> CENTURY

With the growth of interest in homeopathy over the last decade or so, I thought it would be of interest to you to realize that we have come a long way from the time Dr. Hahnemann first developed the practice in the 1800's.

Although "classical homeopathy" is still the dominant form practiced in the U.S.A., there are other forms that are widespread throughout Europe and other countries. The modern holistic practitioner should be at least familiar with the various types of contemporary homeopathic practices. What follows is a brief description of some of the more common types of homeopathy practiced in today's world.

### • Classical Homeopathy

Samuel Hahnemann, a German physician, is credited with developing the practice of homeopathy around 1790.

The classical homeopathic method entails taking a thorough case history through an in-depth interview with the patient. Likes and dislikes, fears and modifying influences that make the symptoms better or worse are discussed and documented. These modifying influences are known as modalities.

Modalities can include temperature, lateralities (left or right side) time of day, weather (damp or dry), heat or cold, movement, as well as a variety of other influences. These modalities help create the "similarity" picture.

The classical homeopath takes into account an individual's constitution or physical characteristics. All of this data is used to "score" the case by looking in a repertory or computer program for comparison and analysis. The most appropriate remedy is then selected as the "constitutional remedy" for the specific individual.

The classical homeopath believes in giving one remedy at a time, in one potency. This is usually followed by a waiting period to judge the reaction to the remedy and then reassessed. Although it is the most time consuming, classical homeopathy is still practiced today and is the most common form practiced in the U.S.A.

### • Homotoxicology

The homotoxicology method of homeopathy was developed by Dr. Hans-Heinrich Reckweg in the 1950's. Utilizing advancements in the knowledge of the physiology of the body since Hahnemann's time, Dr. Reckweg designed a system of looking at how the body deals with toxins and the **progression** of disease as it relates to symptoms.

When the body no longer effectively deals with the elimination of toxins, physiologic changes occur that eventually causes harmful metabolic activity and cellular degeneration. These changes culminate in the progression of symptoms which can lead to a disease state.

Dr. Reckweg developed a wide range of single and complex homeopathic preparations designed to restore enzyme and organ functions and to eliminate toxins.

The complex remedies will sometimes be of one substance in various potencies that work in harmony. This approach is based on research that has shown that the various dilutions contain different resonant characteristics that will affect the body differently, but with an overall harmonious effect.

Other complex remedies will consist of several substances in various potencies that have been designed to enhance specific functions of the body to assist in the stimulation of the body's ability to heal itself.

Although homotoxicology is not widely practiced in the United States, it does have a very large following in Europe. In some allopathic hospitals in Germany, remedies such as Traumeel have gained full acceptance as an aid to help heal after surgery.

Fortunately, the Heel Co. of Germany has continued the work of Dr. Reckweg and has produced many scientific studies proving the efficacy of these combination homeopathic remedies.

Our own clinical experience has shown that these remedies can be most helpful in dealing with maladies in animals as well as people.

#### • Clinical Homeopathy

The clinical homeopathic method of prescribing is symptom-driven. The selection of a remedy is based on the predisposing factors or symptoms. More than one remedy may be given at the same time. With this approach a remedy is selected because it has a particular affinity for the patient's condition or symptom.

This type of homeopathy may be combined with nutritional and herbal supplements, as well as other complementary therapies.

#### • Complex Homeopathy

In complex homeopathy, several components are combined into one formula to create a desired effect. In general, the components in a complex formulation tend to be below 24x and are usually below 12x in potency. This approach may combine the use of nutraceuticals and herbs as adjuncts to the homeopathic remedy.

This is a convenient method to use because it takes less time to select the appropriate remedy and good results can be achieved due to the broad spectrum of activity of the product.

The remedies found in health food stores are often of this type.

#### • Isopathy

Isopathic medicine in a strict sense involves direct employment of the pathogenic substance (ison or isode) to treat the illness that the pathogen has caused. For example, in amalgam-expulsion therapy, a potentized amalgam (D12 and higher) would be administered. The ison or isode is employed not only for the purpose of curing diseases, but also for defending (i.e. strengthening and detoxifying) the organism.

In a broader sense, the pathogenic substances act indirectly, by means of stimulating reactive processes with the organism, e.g. homeopathically-prepared vaccines (nosodes).

#### • Dr. Schussler's Biochemistry

Schussler, a homeopathic physician, developed a method of biochemical therapy that has been utilized since 1872. Based on his experience in the field of homeopathy, he developed the theory that interprets illness as the result of a disturbed mineral balance within individual cells of the body.

This technique employs a limited number of mineral compounds, which analysis reveals to be present within the human body in elementary form. He viewed his form of treatment as a stimulation therapy that helps the body regain its regulatory capabilities, thereby restoring it to a state of good health.

#### • Anthroposophical Medicine

Founded by Rudolph Steiner, the objective of anthroposophical medicine is to look at a human being as a whole entity within the art of healing. In evaluation of health, illness and healing, the practitioner bases his/her considerations not only on the physical laws of natural scientific medicine, but also takes into consideration those aspects that cannot be encompassed by natural science.

Anthroposophy perceives the human being as consisting of four essential elements: the physical body, the organization of vital forces, the organization of feelings within the soul, and the spiritual organization of the ego.

Health is understood as a state of equilibrium, requiring continual reinstatement, among the influences exerted by these various elements of the human being. A disturbance in the interrelation of these forces initiates illness.

In addition to therapy with homeopathically produced preparations, anthroposophical treatment also incorporates other modes of therapy and medication. Every patient receives comprehensive information, enabling him or her to actively participate in their healing process. These measures help to activate the self-healing powers within the patient.

#### • Homeovitics

A relatively recent innovation is the use of homeopathically prepared nutraceuticals, termed

homeovitics. They are primarily used to support the body's ability to detoxify on a cellular, energetic level. This is a normal function of the body to maintain homeostasis.

Homeovitics help remove what Dr. Hahnemann referred to as "obstacles to cure", i.e. cellular toxins. They are also used to support cellular regeneration.

#### • **BioSET** **(Bioenergetic Sensitivity and Enzyme Therapy)**

As we have reported extensively on this system of treatment in previous issues (see Volume 3 Issue 8, 1999 for a full description), I will only cover it briefly here.

Amongst contemporary homeopathic practices, BioSET is unique in that it not only utilizes homeopathically prepared vials, but also brings into play a system of acupressure (from Chinese medicine), various specialized enzymes to assist in detoxification (from western medicine), and fully computerized special equipment for specific individual diagnostic purposes.

It is a non-invasive method that empowers the patient to provide treatments at home, working under the guidance of a health care professional. This greatly enhances the availability of the BioSET program.

In everyday practice, a simple hair sample is all that is needed for sensitivity testing purposes. Thus patient and practitioner can easily work on a long distance basis.

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#### **Summary**

The basic principle of "like cures like" and the utilization of the "infinitesimal dose" is the foundation of all forms of homeopathy.

With the advancement in mankind's knowledge since Hahnemann's time, it should not be surprising that modern homeopathy encompasses several modalities that incorporate additional factors.

Homeopathy is a form of "energy" medicine. As such it has often been scoffed at by the Western orthodox medical community. As we move into a new century, more and more attention is being given to gentler, less harmful forms of medicine. New research centers are springing up in several parts of the United States where the efficacy of a variety of holistic protocols are being tested under rigorous standards.

I believe we have finally turned the corner and that the future of medicine in our country holds great promise for the holistic community. There is much left to be done, but I can finally see where progress is being made not only in homeopathy but in several fields of study that are being taken seriously as a possible "next step" in the evolution of health care.

#### **More Herbal Formulas from Jiang Jing**

Here are a few more of the unique formulas created by Grandmaster Jiang Jing.

#### **Formula #3—Arthrin (Han She) (Cold and Damp)**

This formula is particularly useful for arthritis, joint pain, neuralgia for joints, and rheumatism.

Rheumatoid arthritis and chronic osteoarthritis both produce a deep ache in the joints, that only gets worse with cold and damp weather. When we get this type of weather, the air pressure drops. This, in turn, lessens the tension of veins and slows down blood circulation. With the slowdown of circulation, there is more accumulation of nerve toxins in the joints that normally have a harder time with blood circulation. As a result, a patient would show coldness, deep ache and swelling (dampness) on the arthritic area.

In Oriental Medical terminology, there is a common term called "wet spleen syndrome". This indicates that the spleen (in charge of lymphatic and body fluids), becomes inactive. The related body parts like joints, accumulate lymphatic fluid and water. Thus, treating arthritis in Oriental Medicine involves enhancing the function of the spleen to strengthen the joints and detoxify the area by providing the joints with better blood and lymph flow. More efficient and cleaner lymphatic circulation triggered by strong spleen activity, means faster reconstruction of damaged cartilage and less pain.

There are two types of arthritis pain. One is the type that feels better with warmth on the joint and worse with cold compression. The other is just the opposite. Formula #3 is designed for the type that feels better with heat.

#### Function

- Reduces joint pain.
- Stimulates circulation and rebuilding of joint cartilage, bursa, ligament, and tendon.
- Adds heat in the joints.
- Clears cold and damp energy from the joints.
- Promotes circulation and detoxification of the joints.
- Unlocks lymphatic blockages in the joints.
- Removes water retention of the joints.
- Strengthens lymphatic system around the joints.
- Fortifies spleen function involving body fluid and lymphatic system.
- Tightens ligaments and tendons by removing water and reducing swelling.
- Strengthens the cartilage.
- Reduces swelling, removes water from the cartilage.
- Stops inflammation of cartilage by improving lymphatic circulation.
- Stops coldness throughout the entire body, especially deep in the bone level.
- Removes accumulated nerve toxin.

- Reduces inflammation of synovial bursa sac
- Promotes fresh lubricating fluid secretion of the joints (synovial fluid).
- Reduces stiffness of joints and muscles.

### Ingredients

Testudinis Plastrum, Siegesbeckiae Herba, Angelicae Sinensis, Cyathulæ Radix, Ledebouriellæ Radix, Xanthii Fructus, Paeoniae Radix, and Drynariae Rhizoma.

### **Formula #46—Epstin (Hua Ming) (Balancing Life Force)**

This formula is utilized in the regulating and boosting of the immune system, supporting the lymphatic system and supporting Wei Qi (defense energy).

In past issues of our newsletter, we have written extensively on the immune system and how it functions (see Volume 2—Issues 8, 9, & 10).

The Taoist's view incorporates many of the fundamentals we wrote about but approaches the functioning of the immune system in a slightly different manner. More emphasis is placed on the interrelationship of the various components and the **balancing** of the immune response. Too high or too low of an immune response would both indicate weakness.

The skin and the lung are considered the first two organs that are constantly exposed to outside pathogens. Once the foreign objects enter the body, either by penetration of the lung or skin, or through the stomach (a hollow organ) as a food, the spleen (a solid organ) has to process what entered.

The solid organs are the life maintenance organs and the hollow organs are containers of the related materials. For example, the gall bladder contains the bile made by the liver and so they are related. The urinary bladder and the kidneys have the same relationship. The stomach has the same relationship to the spleen. The quality of the contained materials depends on the function of the solid organs.

The spleen takes charge of what to repel and what to absorb from the stomach. The repelling activity of the spleen from a food substance (yin) and the lung's repelling action against toxic energy (yang), meets and forms the repelling activity connection between internal organs and the skin surface.

Thus the spleen plays not only an important role in the defense mechanism but also is in charge of nutritional absorption. A patient's ability to absorb nutrients is vital for the spleen to convert them into an immune response.

While the capacity of the organs such as the spleen, lung and bone marrow, are the keys of a potent immune system, the communication between the three energetic layers of these three organs is also important for **precise** immune response.

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The quality of an immune system is measured in the readiness to respond, not the amount of immune response. Too much immune response can often cause inflammation and excessive mucus secretion. Too little response can allow the pathogen to penetrate into deeper layers of the body's energetical structure. Having a potent immune system means the precise response to the foreign objects that have entered the body is at the correct level.

### Function

- Increases Wei Qi (defense energy) level and circulation
- Activates the immune response without causing over-reaction.
- Strengthens the three immune organs; spleen (thymus), lung, bone marrow
- Strengthens the mucus secretion mechanism
- Strengthens the nervous participation in the inter-organic communications
- Strengthens the communication mechanism of the blood in the immune system
- Promotes the splenic participation in the forming of the blood components
- Increases the immune capacity
- Fights inflammation directly
- Fights germs, virus and fungi in contact
- Modulates the histamine reaction
- Helps build white blood count

### Ingredients

Ginseng Radix, Violæ Herba, Foeniculi Fructus, Citri Reticulatae Pericarplum, Lonicerae Flos, Atractylodis Rhizoma, and Trichosanthis Radix.

### **Formula #10—Tien Dao (Heavens Way)**

This formula is utilized in cases of infertility, habitual miscarriage, and weakness of female reproductive organs.

In Oriental Medicine, the uterus is called "the sea of blood". This is used to describe the physical organ.

The energy center of the human body is located in the center of the abdominal area and is called "Tan Tien" or "the sea of Qi".

Qi is yang, blood is yin. The uterus is where most Qi and blood (yin and yang) meet in the human body. Thus the energy center of the body and the physical uterus are closely linked together and must be in balance for a healthy reproductive system.

During ovulation, this strong creative yin-yang opposite force creates a higher "Sanjiao Qi", or nerve energy. This energy causes a higher temperature in the body, and if the ovum is fertilized, the higher temperature is sustained. The higher the temperature, the better the nerve energy that can be concentrated into the formation of fetal energy. This is

especially beneficial in the formation of the fetal central nervous system.

When ovulation occurs under a lower Sanjiao energy level (lower body temperature), the chance to fertilize the ovum is lower. Even if the egg is fertilized, the chance to miscarry becomes higher during early pregnancy.

Another important aspect of fertility is Yin energy that is dependent on the kidney (Jing) and blood. The kidney is the central organ of the urogenital system. The strength level of the kidneys determines the functional level of adrenal glands and the healthy balance of the endocrine system, organic function, nutritional level and the blood content. All of which later meet with the nervous strength and stress level. That is how yang meets yin at the time of fertilization and why the strength and stress level of the yin and yang at the time of ovulation is so critical in pregnancy.

#### Function

- Strengthens ovaries
- Strengthens uterus
- Strengthens kidneys
- Re-enforces endocrine balance as situations change quickly in pregnancy
- Increases blood flow in the uterus
- Maintains normal temperature around the uterus
- Prevents spasm of the uterus due to lack of circulation
- Relaxes nerve and tissue tension of the uterus
- Provides healthier, stronger ovum forming and ovulation
- Increases flow of QI in the Chong Mai channel to make a female body more fertile
- Loosens thick mucus forming body fluid around the reproductive system
- Opens fallopian tube more readily
- Provides a healthier environment for ovum and sperm in the uterus
- Supplies better circulation to the attached ovum and sperm in the uterus
- Provides stronger and timely response of cervix in pregnancy
- Maintains a higher Sanjiao Qi (body temperature) necessary for strong pregnancy
- Helps prevent inflammation in the cervix
- Re-enforces the energetical independence of fetus from mother's own condition
- Decreases the allergenic response between mother's and fetal components by primarily supporting the healthy uterine function and blood circulation and helps in preventing miscarriage.
- In the case of an already miscarried fetus, it helps the normal uterine function of eliminating it to protect the mother's health.

#### Ingredients

Angelicae Sinensis, Corni Fructus, Poria Cocos, Rehmanniae Radix, Paeoniae Alba Radix, Atractylodis Rhizoma, Moutan Radicis.

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## VACCINATIONS REVISITED

Several years ago (1995) we wrote a three part series on vaccinations (see Volume 1 Issues 4, 5 & 6). Since that time, the controversial issue of possible harmful effects has become much better known. Thanks in large part to the internet, the dissemination of information can no longer be hidden behind the facade of hype that is foisted on us by the powers that be.

We have never questioned the efficacy of vaccination but have maintained and will continue to question the "science" that calls for overmedication of this form of immunization. In the past we have also urged everyone to detoxify from the adjuvants utilized to enhance and preserve the contents of the vaccine.

Any medical therapy must balance the "effectiveness" with the "safety" of its actions. Safety studies on vaccinations are limited to short time periods only, several days to several weeks. There are **NO** (none, nada, zilch, zip zero) long term (months or years) studies on *any* vaccinations. This includes vaccinations for people as well as animals.

There is, however, a growing body of scientific evidence of long term adverse side effects of vaccines that needs to be addressed. These days parents, senior citizens, and animal owners are bombarded with advertising and pharmaceutically-funded media campaigns to vaccinate, vaccinate, vaccinate! Have you had your latest flu shot?

For those that choose to think for themselves, you may want to question this hype. Is there a good scientific reason for vaccinating an infant for 20 diseases before he or she is 2 years old? Is your vet still pushing you to come in for your "annual booster" for your pet?

Unfortunately, in this "land of the free", by Federal, state, and school policies, parents are being compelled to keep up-to-date on their children's vaccines whether they wish to or not. All states require a rabies vaccination and frequent updates for your dogs. There can be serious repercussions for anyone that does not comply.

At the second conference of the National Vaccine Information Center held this year, the recurring theme was *Show Us The Science!* This gathering of thirty distinguished scientists from the United States, Canada and Europe presented and discussed the biological mechanisms and possible high-risk factors for adverse responses to vaccination. Nearly every presenter concluded with a call for funded research to demonstrate whether there is a link between the injection of multiple vaccines and the apparent increases in the number of chronic diseases among children..

Over the past ten years, the incidence of learning disabilities, attention deficit/hyperactivity disorder and asthma has doubled, diabetes has tripled, and every state in America has experienced a 200 to 500 percent increase in autism.

Substances that are suspected of being causative agents of autism include multiple proteins, adjuvants, preservatives, and heavy metals such as aluminum and

mercury, contained in vaccines! According to recent revelations based on tables provided by the US Center for Disease Control, among the six vaccines required for infants during 2, 4, and 6 months of ages (which include DtaP, Hepatitis B, Hib, and IPV) if one includes the 25 micrograms of mercury in most DtaP vaccines, 12.5 micrograms in some Hepatitis B vaccines, it is possible that some infants are receiving 100 times the amount of mercury that the US Environmental Protection Agency says is the *maximum* allowable daily exposure.

Case in Point: the grandson of Congressman Daniel Burton of Indiana, was vaccinated for nine different diseases in one day. Before the vaccines, he had been a healthy child. Now he suffers from autism. Congressman Burton's grandson was injected with 41 times the considered safe level of mercury (as Thimerosal) in one day!!

It takes a healthy gall bladder to detoxify and excrete mercury from the body. Children under 2 years of age do not produce enough bile to remove the mercury, so it deposits in the brain, the kidneys and in other vital organs. Mercury poisoning may cause blindness and poor mental and physical health for the remainder of the patient's life. **Presently the FDA has licensed 50 different vaccines that are preserved with Thimerosal (mercury).** In fairness we must mention that a couple of years ago the FDA recommended that a mercury preservative be removed from children's vaccines. The key here is that it was only a recommendation not obligatory, thus the pharmaceutical companies could ignore it if they chose to do so.

In addition to heavy metals, vaccines often contain inactive ingredients such as chicken proteins, cow proteins, virus proteins, *monosodium glutamate*, human fetal tissue, human blood, *formaldehyde* (yes Charlie I know that is embalming fluid), and antibiotics. Infants, schoolchildren and adults who are allergic to any one of these ingredients are likely to become ill after a vaccination. The symptoms vary from person to person, and the list of side effects is extremely long.

I think it's important to note that today's children receive from 22 to 35 vaccines before school age, whereas my parents received 3 vaccines to prevent diphtheria, tetanus, and pertussis (whooping cough).

One of the more controversial vaccines is the hepatitis B vaccine. According to records from the Vaccine Adverse Event Reporting System "Between July 1, 1990, and October 21 1998, VAERS received 17,497 reports of adverse reactions to hepatitis B vaccine alone; of those, 5,983 were serious...and 146 were deaths". Is it any wonder that many countries in the world have stopped using this vaccine?

Most physicians no longer recommend hepatitis B for infants. The Association of American Physicians & Surgeons

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and the World Chiropractic Alliance have called for a moratorium on the hepatitis B vaccine for school children. In July 1999, the U.S. Public Health Service and the American Academy of Pediatrics urged the elimination of the mercury content in the hepatitis B vaccine and the *rollback of the universal recommendation that every newborn infant receive the vaccine.*

From this one vaccine alone the reports of autoimmune/neurological-type reactions are extensive and include the following: Polyneuropathy, uveitis, Guillain-Barre Syndrome, myasthenia gravis, erythema nodosum, CNS demyelination, optic neuritis, transverse myelitis, visual loss, rheumatoid arthritis, Reiter Syndrome arthritis, autism and colitis.

There are many legitimate questions being raised about the safety factor of today's combined vaccines. For example, in the book "The Sanctity of Human Blood—Vaccination is not Immunization", Tim O'Shea notes that before mass vaccinations in this country, the term "sudden infant death syndrome" did not exist. The term describes infants and young children dying in their sleep for no apparent reason.

Australian researcher Viera Scheibner discovered that children experienced apnea during sleep within 16 days after a DPT vaccination in Australia. Her work put an end to mandatory DPT vaccination in Australia. Even though no action was taken in the United States, it became apparent that adding pertussis bacteria to tetanus toxoid and diphtheria vaccine greatly increased the adverse reactions to the injection. Adverse reactions to pertussis in DPT include pain, fever, drowsiness, loss of appetite, high-pitched screaming, convulsions, encephalopathy (brain fever) and death.

This also raises the serious question of the relationship of "shaken baby syndrome" and the possible link to adverse reaction from recent vaccination. Think about this case cited in the June 2001 issue of the Townsend Letter for Doctors & patients—"In one case for instance, 6 vaccines were given at 8 weeks of age to a severely compromised baby. Following a period of clinical deterioration, the baby became apneic about 14 days following the vaccines and, although later resuscitated in a hospital, died shortly after. The father was subsequently charged with death of his infant from SBS (shaken baby syndrome). During the trial, *vaccines were never mentioned by any witness or offered as a possible cause of the infant's death.* As a result of this and other factors, the father was convicted of murdering his infant son and is now serving a life-sentence."

Researchers have also pointed the finger at the MMR vaccine (Measles, Mumps, Rubella) and a possible direct link to autism. Bernard Rimland, Ph.D., founding director of the Autism Research Institute with headquarters in San Diego, has demonstrated that sharp rises in the incidence of autism in the

USA took place immediately following the introduction of the MMR vaccine in 1975, and in the United Kingdom following its introduction in 1988.

It is important to point out that an uncombined measles vaccine had been in use in the USA since 1961, with only a slight rise in autism from 1961 to 1975 when the combined MMR vaccine came into use. (Mumps and Rubella were also available as single vaccines.)

In an article released in the *Adverse Drug Reaction & Toxicology Review*, Andrew Wakefield and Scott Montgomery carefully reviewed the inadequacies of the early pre-licensing trials of the MMR vaccine with a maximum follow up of 28 days and even shorter periods in some of the studies. They stressed that such short periods of observation following the vaccine were totally inadequate to detect delayed reactions, including autism, immune deficiencies, and inflammatory bowel disease.

There have also been several studies questioning the link between multiple vaccinations and the rise in allergic disorders. In Western nations it is now recognized that every third child in industrialized societies has an allergic disorder. It has not gone unnoticed that the increasing incidence of atopic (allergic) disorders has coincided in a time related fashion with the childhood vaccine programs.

There is a school of thought that the so-called minor childhood illnesses of former times, including measles, mumps, rubella (German measles), and chicken pox, which entered the body in a natural manner through the mucous membranes, served a necessary and positive purpose in challenging and strengthening the primary immune system. In contrast, the respective vaccines of these diseases are injected by needle directly into the system of the child, thereby bypassing the mucosal immune system. As a result, mucosal immunity remains relatively weak and stunted in many children, complications of which may be the rapid increase in asthma, eczema, nasal allergies, food allergies, and a general pattern of sickness in today's children.

In October 1967, Joshua Lederberg, Department of Genetics, Stanford University School of Medicine warned about live-virus vaccines: "In point of fact we are practicing biological engineering on a rather large scale by use of live viruses in mass immunization campaigns".

Today we have the most vaccinated children, born of the most vaccinated mothers, in the history of mankind. F. Edward Yazbak, M.D., a practicing physician for 35 years, has been researching the use of live vaccines in women before, during, and after pregnancy. He states "Those women have higher rates of auto immune disease and miscarriages and stillbirths. Their children consistently have higher rates of autism". Dr. Yazbak believes that "all postpartum vaccination should cease immediately, and that mothers who wish to breastfeed should avoid vaccinations...Health providers should clearly explain to mothers that the rubella vaccine virus would be excreted in their nose, throat, and breastmilk. Serious research on whether the measles vaccine virus is passed from mother to infant through breastmilk should be (8)

undertaken". It may be that the wild virus does not pass through breastmilk. However once the virus is attenuated to be included in a vaccine, the virus acts differently.

Today we have a system in which vaccine production by the pharmaceutical companies is largely self-regulated. Naturally these companies are interested in profits from their products which, in itself, is not wrong. However, when arbitrary decisions in the mandating of vaccines are made by government bureaucrats, who are highly partisan to the pharmaceuticals, with little or no recourse open to parents, we have all the potential ingredients for a tragedy of historical proportions.

Mandated does not necessarily mean required. All states provide medical exemptions. If a child becomes ill after the first dose of vaccine, that child does not need a second dose. If the child has a chronic life threatening condition, he or she should not be vaccinated.

Forty-eight of the fifty states allow for a religious exemption. For example, certain beliefs forbid the inclusion of aborted human fetal tissue in any vaccine or other medication. If a school district denies parents their right to claim a religious exemption, they are violating their federally protected civil rights under the first amendment. In addition, 15 states allow for philosophical exemptions.

It is interesting that now, two years after federal health officials recommended that the mercury preservative be removed from children's vaccines, a coalition of law firms has gone to court to force drug manufacturers to pay for studies to find out if there is a direct link to autism.

The class action lawsuits in eleven states were announced recently by the Mercury Vaccine Alliance. The alliance represents more than 1,000 families who claim that the trace amounts of mercury in the preservative thimerosal are responsible for health and behavioral problems ranging from severe autism to hyper-activity.

Nothing written here is intended to imply that immunization does not at times serve a necessary purpose, when used in judicious moderation. At the National Vaccine Information conference, all speakers pointed out that natural immunity from exposure to the wild virus (or bacteria) provided the best immunity. In most cases, exposure to the wild organism will give lifelong immunity. If children are allowed to have non-lethal childhood diseases, adults will be healthier.

So the question remains, how necessary are these vaccines? What will the repercussions be if it becomes known that safer methods could have been found to accomplish the same ends if they had been sought? As stated at the conference, "*Where is the Science*" that indicates the safety of our present vaccine protocol? Surely, simple observation, would indicate that there is a desperate need for additional research to be done!